NWS Form E-5 **U.S. DEPARTMENT OF COMMERCE** **(04-2006)** **NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION** **(PRES. BY NWS Instruction 10-924)** **NATIONAL WEATHER SERVICE**	HYDROLOGIC SERVICE AREA (HSA) **San Angelo, TX**
MONTHLY REPORT OF HYDROLOGIC CONDITIONS	REPORT FOR: MONTH YEAR **September** **2007**
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283	SIGNATURE Jason Johnson DATE **October 15, 2007**

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

X An X inside this box indicates that no flooding occurred within this hydrologic service area.

September is generally one of the wettest months of the year for the San Angelo hydrologic service area (HSA). However, much of the HSA received below normal precipitation this September. Following a very wet spring and summer, below normal rainfall this month has not been as noticeable to the west central Texas landscape. Most areas across the HSA received at least 0.5 of an inch of rain for the month. A few areas across the eastern half of the HSA received two to four inches of rain with some isolated areas receiving just over five inches.

Conditions during September were beneficial to many of the farmers as they were able to get in fields to harvest hay and prepare fields for winter crops. September was warmer than normal, which also helped the cotton crops. By the end of the month, some farmers were defoliating cotton. Surface water supplies for livestock and municipal use were susceptible to the warm and dry days. With little moisture and runoff, the surface water supplies experienced losses.

The average rainfall reported from coop observers in September was 2.03 inches. The highest monthly rainfall total of 4.34 inches was reported in Throckmorton County. Coop observers in Crockett, Fisher, San Saba, Sutton, and Throckmorton Counties received over three inches of rain in September.

The San Angelo Regional Airport received 2.55 inches of precipitation during September, which was 0.40 of an inch below normal for the month. The monthly normal rainfall for San Angelo in September is 2.95 inches.

The Abilene Regional Airport received 1.21 inches of precipitation during September, which was 1.70 inches below normal for the month. The monthly normal rainfall for Abilene in September is 2.91 inches.

Junction received 1.80 inches of rain in September. The estimated average monthly rainfall for Junction in September is about 2.3 inches.

Coop Observer Rainfall Totals for September, 2007:

Station Name	Amt (in)	Station Name	Amt (in)
Abilene 2	0.36	Merkel 12SW	2.22
Acton Ranch	4.33	Oak Creek Lake	0.24
Albany	2.88	Ozona	M
Anson	1.30	Ozona 22SE	3.16
Ballinger 2NW	0.36	Paint Rock	1.85
Brady	2.40	Putnam	1.41
Brownwood	2.41	Red Bluff Crossing	3.71
Burkett	M	Richland Springs	1.50
Coleman	1.81	Robert Lee	2.77
Concho Park	2.03	Roscoe	M
Eden	2.86	Rotan	3.90
Eldorado	0.79	San Angelo WFO	1.63
Eldorado 10W	1.19	San Saba 7NW	1.82
Eldorado 12N	1.84	Silver Valley	1.80
Fort Griffin	1.73	Sonora	3.82
Fort McKavett	1.91	Stamford	0.94
Glen Cove	1.76	Taylor Ranch	4.18
Hamlin	1.16	Telegraph	M
Haskell	2.60	Throckmorton 7NE	4.34
Hords Creek	1.73	Water Valley	0.17
Humble Pump	M	Water Valley 11NE	1.01
Junction 4SSW	1.98	Winters	2.28
Lawn	M	Woodson	M
London 3N	0.78		
Mason	2.46	(M) *Missing data*	
Menard	1.76	(T) *Trace*	

Reservoir Conditions (end of September, 2007)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	70,030	100
Lake Stamford	51,570	51,570	100
Hubbard Creek Lake	318,070	306,640	96
Hords Creek Lake	8,112	7,830	97
Lake Brownwood	131,428	130,130	99
E.V. Spence	517,270	82,870	16
O.C. Fisher	119,200	11,620	10
O.H. Ivie	554,340	381,500	69
Twin Buttes	177,800	71,920	40

Hydro Products Issued

FFA = 2
FFW = 1
FFS = 1
FLS = 25 (Flood Advisory)
FLW = 0 (Areal Flood Warning)
RVS = 0
FLW = 0 (River Flood Warning)
FLS = 0 (River Flood Statement)